

APR 05 2007

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Please add new claims 46-52.

Please cancel claims 8 and 24-45, without prejudice.

Please amend claims 1-7, and 9-22 as indicated below. Material to be inserted is in **bold and underline**, material to be deleted is in ~~strikeout~~ or (if the deletion is of five or fewer consecutive characters or would be difficult to see) in double brackets [[]].

Listing of Claims:

1. (Currently Amended) A method of dispensing one or more [[a]] medicaments, comprising:

providing a treatment plan having at least two rates of action for one or more [[a]] medicaments;

selecting a droplet characteristic corresponding to each of the at least two rates of action; and

ejecting medicament droplets having each droplet characteristic into a respiratory system of a subject mucosal tract according to the treatment plan, thereby allowing the one or more medicaments to act at two or more rates.

2. (Currently Amended) The method of claim 1, wherein selecting [[a]] the droplet characteristic includes selecting a droplet size, and wherein ejecting medicament droplets includes ejecting medicament droplets having each droplet size.

3. (Currently Amended) The method of claim 2 [[1]], wherein selecting [[a]] ~~the~~ droplet size includes selecting a adjusting the droplet size according to a predicted change in the droplet size produced during flight of the medicament droplets after ejection.

4. (Currently Amended) The method of claim 1, wherein ejecting medicament droplets includes ejecting medicament droplets having each droplet characteristic from a distinct set of orifices of the same using ~~different~~ ejection devices within a single medicament ejection apparatus.

5. (Currently Amended) The method of claim 1, wherein selecting [[a]] ~~the~~ droplet characteristic includes selecting a different medicament composition for each rate of action, and wherein ejecting medicament droplets includes ejecting medicament droplets having each different medicament composition.

6. (Currently Amended) The method of claim 5, wherein selecting [[a]] ~~the~~ different medicament composition includes selecting a different concentration of an excipient for each different medicament composition.

7. (Currently Amended) The method of claim 5, wherein selecting [[a]] ~~the~~ different medicament composition includes selecting the same bioactive agent for each different medicament composition ~~selecting a drug to be included in the medicament composition~~.

8. (Canceled)

9. (Currently Amended) The method of claim 2 [[8]], wherein selecting [[a]] the droplet size of medicament droplet includes selecting a size of medicament droplet according to a deposition site for the size of medicament droplet in the respiratory system ~~of the person~~, the deposition site defining an absorption rate for the medicament that corresponds to one of the at least two rates of action.

10. (Currently Amended) The method of claim 2 [[8]], wherein ejecting medicament droplets ~~of each selected size~~ includes independently forming medicament droplets of each droplet selected size adjacent different orifices of a corresponding size of a single medicament ejection apparatus.

11. (Currently Amended) The method of claim 2 [[8]], wherein ejecting medicament droplets ~~of each selected size~~ includes ejecting ~~at least a subset of the~~ medicament droplets of different sizes ~~each selected size~~ at nonoverlapping different times.

12. (Currently Amended) The method of claim 2 [[8]], wherein ejecting medicament droplets ~~of each selected size~~ includes ejecting ~~at least a subset of the~~ medicament droplets of each droplet selected size within the same a single dose.

13. (Currently Amended) The method of claim 2 [[8]], which further comprises selecting a composition for each droplet size of medicament droplet.

14. (Currently Amended) The method of claim 13, wherein the composition is selected from compositions having different amounts of the same [[a]] bioactive agent.

15. (Currently Amended) The method of claim 1 [[8]], wherein providing [[a]] the treatment plan includes providing a treatment plan to treat addiction to nicotine, and wherein at least one of the medicaments includes nicotine or a nicotine analog.

16. (Currently Amended) The method of claim 2 [[8]], wherein selecting [[a]] the droplet size of medicament droplet includes selecting a different size of medicament droplet for each rate of action.

17. (Currently Amended) A method of dispensing one or more [[a]] medicaments, comprising:

selecting a deposition site for [[a]] respective medicaments on each of an upper mucosal region and a lower mucosal region of a respiratory system; and

selecting droplet sizes corresponding to the selected deposition sites; and

ejecting medicament droplets of the selected droplet sizes of each respective medicament into the respiratory system a mucosal tract of a person from the same ejection apparatus such that each respective medicament is deposited selectively at its selected deposition site a single ejection device, to enable the respective medicaments to be absorbed at different rates by adjacent the selected deposition sites.

18. (Currently Amended) The method of claim 17, wherein ejecting [[the]] medicament droplets for the respective medicaments includes ejecting the respective medicaments of the selected droplet sizes is performed at different times.

19. (Currently Amended) The method of claim 17, wherein selecting [[a]] the deposition site ~~on each of an upper and a lower mucosal region~~ includes selecting a deposition site on an oral mucosal region and a pulmonary mucosal region.

20. (Currently Amended) The method of claim 17, which further comprises providing a treatment plan using one or more [[a]] medicaments at different rates of action, wherein selecting [[a]] the deposition site includes selecting [[an]] the upper and [[a]] the lower mucosal region in correspondence with each of the different rates of action.

21. (Currently Amended) The method of claim 17, wherein ejecting medicament droplets ~~of the selected droplet sizes~~ includes ejecting medicament droplets having a different composition ~~for each selected droplet size~~ for each deposition site selected.

22. (Currently Amended) A method of dispensing one or more [[a]] medicaments, comprising:

providing an ejector configured to selectively eject medicament droplets of at least two sizes, a first size being configured for deposition adjacent an oral or nasal mucosa and a second size being configured for deposition adjacent a pulmonary mucosa; and

ejecting the medicament droplets of each size according to a different temporal schedule into a respiratory system mucosal tract from the ejector.

23. (Original) The method of claim 22, which further comprises selecting a treatment program for addiction to a substance, the treatment program defining the different temporal schedule for ejecting the medicament droplets of each size, wherein ejecting the medicament droplets includes ejecting droplets of the substance or an analog thereof according to the different temporal schedule.

24-45. (Canceled)

46. (New) The method of claim 1, wherein ejecting medicament droplets includes ejecting the same medicament composition with each droplet characteristic.

47. (New) The method of claim 2, wherein ejecting medicament droplets includes ejecting medicament droplets of different droplet sizes targeted for deposition on respective upper and lower mucosal regions of the respiratory system.

48. (New) The method of claim 46, wherein ejecting medicament droplets includes ejecting medicament droplets of different droplet sizes targeted for deposition on an oral or nasal mucosal region and a pulmonary mucosal region.

49. (New) The method of claim 17, wherein ejecting medicament droplets includes ejecting the same medicament composition for each deposition site selected.

50. (New) The method of claim 17, wherein ejecting medicament droplets includes ejecting the same bioactive agent in a different medicament composition for each deposition site selected.

51. (New) The method of claim 17, wherein ejecting medicament droplets includes ejecting larger medicament droplets for deposition on the upper mucosal region and ejecting smaller medicament droplets for deposition on the lower mucosal region.

52. (New) The method of claim 17, which further comprises selecting droplet sizes corresponding to the selected deposition sites.

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